

INTERNATIONAL SEARCH REPORT

International Application No.

PCT/IB2004/003123

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H03K23/54

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H03K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, IBM-TDB, INSPEC, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 1 244 214 A (ST MICROELECTRONICS LTD) 25 September 2002 (2002-09-25) paragraphs '0001! - '0041!; figures 1,4,7,10,11	1-9
X	US 6 009 139 A (AUSTIN JOHN S ET AL) 28 December 1999 (1999-12-28) abstract column 1, line 28 - column 4, line 49; figures 1-4	1-9
X	WO 03/073244 A (ADVANCED MICRO DEVICES INC) 4 September 2003 (2003-09-04) page 5, line 5 - page 6, line 24; figures 5,6	1-3,8,9
A		4-7

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

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T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

* & * document member of the same patent family

Date of the actual completion of the international search

28 December 2004

Date of mailing of the international search report

03/02/2005

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Information on patent family members

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 1244214	A	25-09-2002	EP 1244214 A1	25-09-2002
			US 2002171459 A1	21-11-2002
US 6009139	A	28-12-1999	NONE	
WO 03073244	A	04-09-2003	EP 1479167 A2	24-11-2004
			WO 03073244 A2	04-09-2003